

SECRET

PHOTOGRAPHIC  
INTERPRETATION  
REPORT

## MISSION COVERAGE INDEX

25X1A

MISSION 2258 - 17 DECEMBER 1964  
MISSION 3158 - 17 DECEMBER 1964  
MISSION 1315 - 19 DECEMBER 1964  
MISSION 2241 - 19 DECEMBER 1964

NPIC/R-1666/64

December 1964

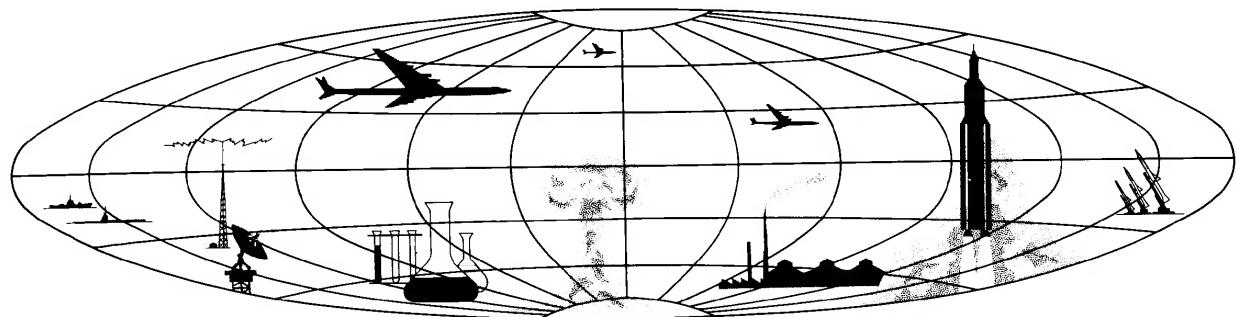


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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



25X1A

#### PREFACE

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY OF [REDACTED] MISSIONS 2258 AND 3158, 17 DECEMBER 1964 AND 1315 AND 2241, 19 DECEMBER 1964, COVERING LAOS AND NORTH VIETNAM.

THIS MCI IS DIVIDED INTO THREE SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS NAC AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

SECTION III PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED 1) BY COUNTRY, 2) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 3) WITHIN THE SUBJECT BY WAC AREA,

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AND 4) WITHIN THE WAC AREA BY GEOGRAPHIC COORDINATES IN ASCENDING ORDER. AN EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES L509, SCALE 1/250,000, L004, 1/50,000, AND THE ATC SERIES 200, SCALE 1/200,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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## SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	NOTE -- AAA DEFENSES ARE DIVIDED IN TO THREE BASIC CATEGORIES - LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, 82MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EX. 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).				
	-LAOS-				
25X1D	AIR INSTALLATIONS  BAN PHAN HOP AIRFIELD IMMEDIATELY NORTH OF BAN PHAN HOP AND 9 NM SW OF THE LAOS-SOUTH VIETNAM BORDER AT UTM [REDACTED] 2,000 X 100 FT NNW/SSE SOD RUNWAY, APPEARS SERVICEABLE. AIRCRAFT -- NONE OBSERVED.  [REDACTED]	1732N 10544E	0617	25X1A [REDACTED]	199
25X1A 25X1D	25X1D  BAN SI NHO AIRFIELD 2.4 NM SE OF BAN SI NHO AT UTM [REDACTED] 2,700 X 100 FT ENE/WSW SOD RUNWAY, SERVICEABLE. AN ABANDONED 6-GUN AAA SITE OBSERVED ON NORTH SIDE OF RUNWAY. AIRCRAFT -- NONE OBSERVED.  [REDACTED]	1748N 10505E	0617	25X1A [REDACTED]	399-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
[REDACTED]				
MILITARY INSTALLATIONS				
BAN THAT HAI HWY BRIDGE OVER SE BANG HIENG 0.1 NM EAST OF BAN THAT HAI AT UTM [REDACTED] A 5-SPAN PROBABLE WOODEN-DECK TRUSS BRIDGE OBSERVED ON ROUTE 23 OVER THE SE BANG HIENG (RIVER).	1616N 10557E	0617	25X1A	[REDACTED] 375-C
[REDACTED]				
BAN THAT HAI AREA, MILITARY AREAS TWO SEPARATE AREAS IN BAN THAT HAI AREA (REFERENCED FROM BAN THAT HAI).	1617N 10557E	0617		375
AREA A (1.0 NM NE AT UTM [REDACTED] -- TRENCH SYSTEM ON BOTH SIDES OF ROUTE 23. FIVE SHEDS AND ONE BOMB CRATER OBSERVED ON WEST SIDE.				
AREA B (1.2 NM ESE AT UTM [REDACTED] -- TRENCH SYSTEM ON WEST SIDE OF ROUTE 23.				
[REDACTED]				
BAN KHA DAP, PROBABLE MILITARY CAMP JUST WEST OF LOA TOM (RIVER) BRIDGE AND NORTH OF ROUTE 9 AT UTM [REDACTED] APPROXIMATELY 45 SHEDS ENCIRCLED BY A SAWTOOTH	1627N 10630E	0617		411

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D	TRENCH WITH NUMEROUS FIRING BAYS AND BY A DOUBLE FENCE WHICH CROSSES ROUTE 9. AREA APPEARS ACTIVE [REDACTED]			
25X1D	MUONG PHINE MILITARY AREAS TWO PROBABLY ABANDONED MILITARY AREAS AT INTERSECTION OF ROUTES 9 AND 23.	1632N 10602E	0617	192
25X1D	AREA A (UTM [REDACTED] -- 2 INTACT, 7 DESTROYED OR DISMANTLED, AND 3 DETERIORATED BUILDINGS.			
25X1D	AREA B (UTM [REDACTED] -- 6 DETERIORATED BUILDINGS, ONE SMALL SHED, AND ONE BUILDING FOUNDATION. FIVE BOMB CRATERS OBSERVED. [REDACTED]			
25X1A				
25X1D	BAN HOUOI SANE, MILITARY AREAS FOUR MILITARY AREAS IN BAN HOUOI SANE.	1636N 10632E	0617	217
25X1D	AREA A -- NO APPARENT CHANGE SINCE MISSION [REDACTED]			
	AREAS B, C -- NOT COVERED.			
25X1D	AREA D (0.3 NM NORTH OF BAN HOUOI SANE AT UTM [REDACTED] -- 25 SMALL HUTS/BUILDINGS ENCLOSED BY A TRENCH SYSTEM. [REDACTED]			
25X1D				

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	[REDACTED]				
25X1D	BAN PHO AREA, STRONGPOINT 0.9 NM SSE OF BAN PHO AT UTM [REDACTED] AND 0.3 WEST OF THE LAOS-VIETNAM BORDER. HILLTOP STRONGPOINT CONSISTING OF AN IRREGULAR, CLOSED TRENCH SYSTEM WITH NUMEROUS FIRING POINTS AND APPROXIMATELY 15 BUILDINGS. HELICOPTER LANDING PAD IS LOCATED JUST OUTSIDE THE TRENCH SYSTEM. [REDACTED]	1636N 10634E	0617		272-F
25X1D	BAN DONG, MILITARY AREAS FOUR AREAS IN BAN DONG VICINITY.  AREAS B AND C -- NO APPARENT CHANGE SINCE [REDACTED]	1638N 10625E	0617		270
25X1D	AREAS A AND D -- IDENTIFICATION ONLY.  [REDACTED]				
25X1D	TCHEPONE ARMY BARRACKS NORTHWEST 0.2 NM WEST OF ROUTE 9 HIGHWAY BRIDGE OVER THE SE BANG HIENG (RIVER) AND 1.6 NM NW OF TCHEPONE AT UTM [REDACTED]. MILITARY AREA CONTAINS ONE DAMAGED L-SHAPED VEHICLE MAINTENANCE BUILDING, ONE DAMAGED T-SHAPED ADMINISTRATION BUILDING, 2 OTHER DAMAGED BUILDINGS, 6 INTACT BARRACKS- TYPE BUILDINGS, AND ONE INTACT SUPPORT BUILDING. THREE LARGE AND 2 SMALL BOMB CRATERS OBSERVED IN THE AREA.	1642N 10613E	0617	25X1A [REDACTED]	124-C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	ONE PROBABLE BARRACKS, ONE ADMINISTRATION, AND ONE SUPPORT BUILDING AT UTM [REDACTED]. [REDACTED]				
25X1A	[REDACTED]				
25X1D	BAN BOUNG BAU AREA, MILITARY AREAS FOUR MILITARY AREAS IN BAN BOUNG BAU AREA. [REDACTED]	1734N 10514E	0617		369
25X1D	AREA C -- NO APPARENT CHANGE SINCE MISSION [REDACTED]				
25X1A	AREAS A, B, AND D -- NOT COVERED. [REDACTED]				
25X1D	LAK SAO ARMY BARRACKS TWO BURNING BUILDINGS OBSERVED JUST SE OF BARRACKS AREA AND 3 SMOKING BOMB CRATERS OBSERVED ALONG SOUTHERN EDGE OF BARRACKS AREA. NO OTHER APPARENT CHANGE SINCE [REDACTED] [REDACTED]	1811N 10459E	0617	25X1A	[REDACTED] 113-A
25X1D	[REDACTED]				
25X1A	[REDACTED]				
25X1D	[REDACTED]				
	NAPE AREA, AAA SITES FIVE NEWLY IDENTIFIED LIGHT AAA SITES OBSERVED WITHIN A 1.5 NM RADIUS AND GENERALLY SOUTH	1818N 10505E	0617		118-B

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D				
SITE A (18-18- [REDACTED] N 105-05- [REDACTED] E) -- 6-GUN LIGHT AAA SITE. [REDACTED] POSITION OCCUPIED.				
SITE B (18-18- [REDACTED] N 105-05- [REDACTED] E) -- 3-GUN OCCUPIED LIGHT AAA SITE.				
SITE C (18-18- [REDACTED] N 105-05- [REDACTED] E) -- 4-GUN OCCUPIED LIGHT AAA SITE.				
SITE D (18-17- [REDACTED] N 105-04- [REDACTED] E) -- 4-GUN UNOCCUPIED AAA SITE.				
SITE E (18-18- [REDACTED] N 105-04- [REDACTED] E) -- 4-GUN OCCUPIED AAA SITE. (SEE ATTACHMENT 3)				
25X1D	[REDACTED]			
MISCELLANEOUS				
ROUTE 8				
SINGLE-LANE, NATURAL SURFACE ROAD IN GOOD CONDITION OBSERVED FROM 17-35N 105-10E TO 17-36N 105-10E AND FROM 18-20N 105-11E TO 18-18N 105-03E. NO VEHICLES OBSERVED.				
25X1D	[REDACTED]			
ROUTE 9				
THREE SEGMENTS OF SINGLE-LANE NATURAL SURFACE ROAD OBSERVED.				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<p>SEGMENT A OBSERVED FROM 16-31N 106-00E TO 16-33N 106-03E AND FROM 16-42N 106-08E TO 16-37N 106-35E. ROAD APPEARS IN POOR CONDITION. ONE PROBABLE UTILITY TRUCK HEADED WEST AT 16-40N 105-34E.</p> <p>SEGMENT B OBSERVED FROM 16-33N 105-56E TO 16-32N 105-57E. POOR IMAGE QUALITY PRECLUDES DETERMINATION OF ROAD SERVICEABILITY OR CONDITION. NO VEHICLES OBSERVED.</p> <p>SEGMENT C OBSERVED FROM 16-39N 105-33E TO 16-40N 105-33E. ROAD APPEARS IN POOR-TO-FAIR CONDITION. NO VEHICLES OBSERVED.</p>				
25X1D	<p>ROUTE 12</p> <p>SINGLE-LANE, NATURAL SURFACE ROAD IN GOOD CONDITION OBSERVED FROM 17-33N 105-13E TO 17-30N 105-20E.</p> <p>NO VEHICLES OBSERVED.</p>				
25X1D	<p>ROUTE 23</p> <p>THREE SEGMENTS OF SINGLE-LANE NATURAL SURFACE ROAD OBSERVED.</p> <p>SEGMENT A OBSERVED FROM 17-33N 105-43E TO 17-31N 105-43E, IN GOOD CONDITION. NO VEHICLES OBSERVED.</p>				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D	SEGMENT B, OBSERVED FROM 16-17N 105-57E TO 16-15N 105-58E, IN GOOD CONDITION. SEGMENT C, A ONE NM SECTION OBSERVED FROM JUNCTION WITH ROUTE 9 (16-32N 106-01E) SOUTHWARD, IN GOOD CONDITION. NO VEHICLES. [REDACTED]			
25X1D	ROUTE 91 SINGLE-LANE, NATURAL SURFACE ROAD IN GOOD CONDITION OBSERVED FROM 16-43N 106-10E TO 16-46N 106-06E. NO VEHICLES OBSERVED. [REDACTED]			

## SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	-LAOS-				
25X1D	AIR INSTALLATIONS				
25X1A	MUONG PHALANE AIRFIELD	1640N 10534E	0617	357	
25X1D					
25X1A	BAN HOUET SANE AIRFIELD	1636N 10633E	0617	25X1A	217-A
25X1D					
25X1A	TCHEPONE AIRFIELD	1643N 10612E	0617	124	
25X1D					
25X1A	LAK SAO AIRFIELD	1811N 10459E	0617	113	
25X1D					
25X1A	NAPE AIRFIELD	1818N 10505E	0617	118	
25X1D					

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
MILITARY INSTALLATIONS				
MUONG PHINE POSSIBLE MAINTENANCE AREA	1632N 10601E	0617		192-D
BAN PHO AREA, MILITARY CAMP	1637N 10636E	0617	25X1A	272-C
TCHEPONE STRONGPOINT	1641N 10614E	0617		124-F
BAN NA HI MILITARY AREA	1645N 10608E	0617		359
THAKHEK AIRFIELD NEW	1722N 10450E	0617	25X1A	125-A
BAN NHOMMARATH KEO, MILITARY AREA	1736N 10509E	0617		365
LAK SAO AREA, STRONGPOINT/REST/REFUEL POINT	1811N 10459E	0617		113-D

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D  -NORTH VIETNAM- MILITARY INSTALLATIONS MU GIA PASS, ARMY BARRACKS [REDACTED]	1740N 10546E	0617	25X1A [REDACTED]	116-A

### **SECTION III**

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.



## APPENDIX

## COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to

WAC. For example, there is an NPIC target number 0499-15-A and an NPIC target number 0498-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

## COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

## PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

## CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered clouds); HC (heavy clouds); SC-HC (scattered-to-heavy clouds); H (haze); CS (cloud shadow); SD (semi-darkness); O (obliquity); and PQ (poor image quality).

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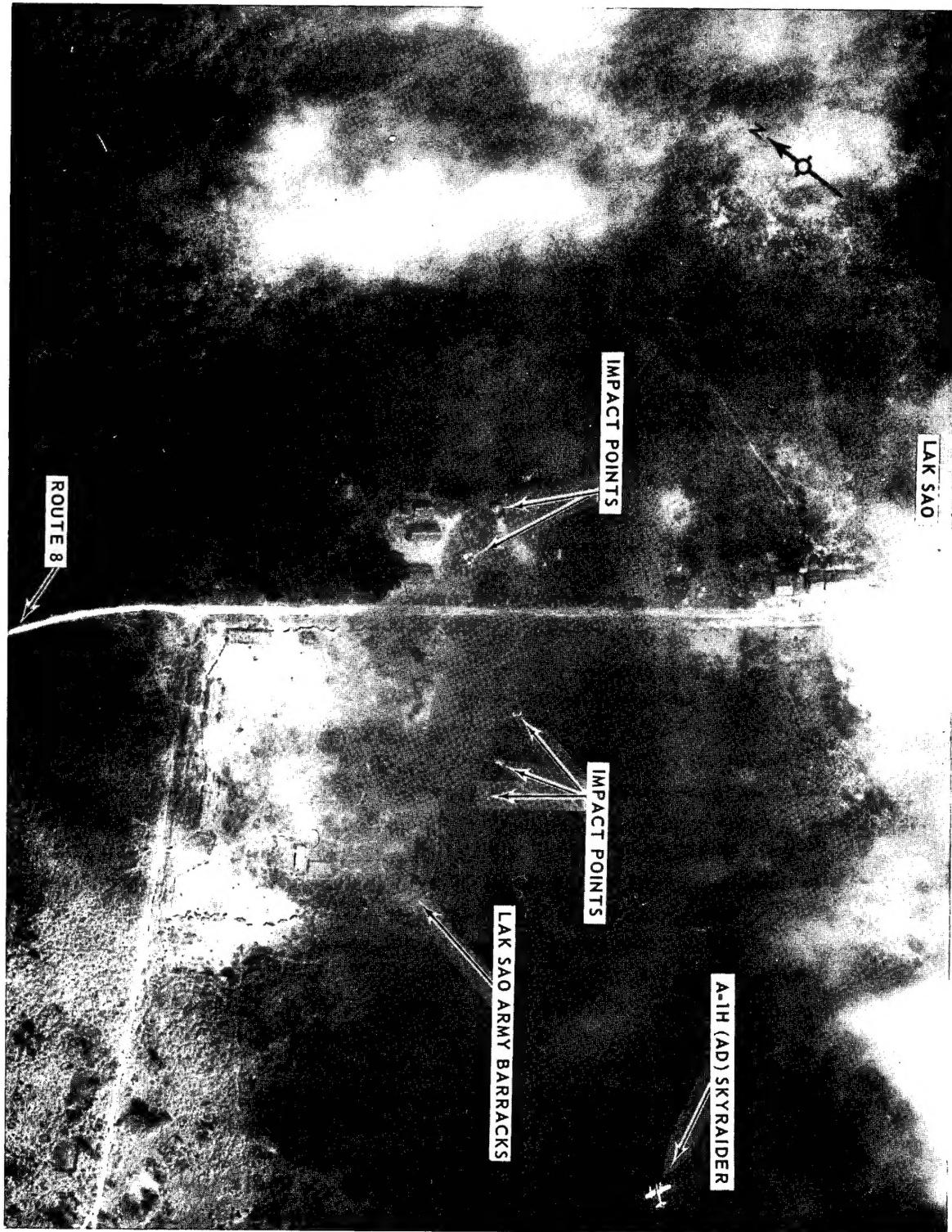
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ATTACHMENT 1



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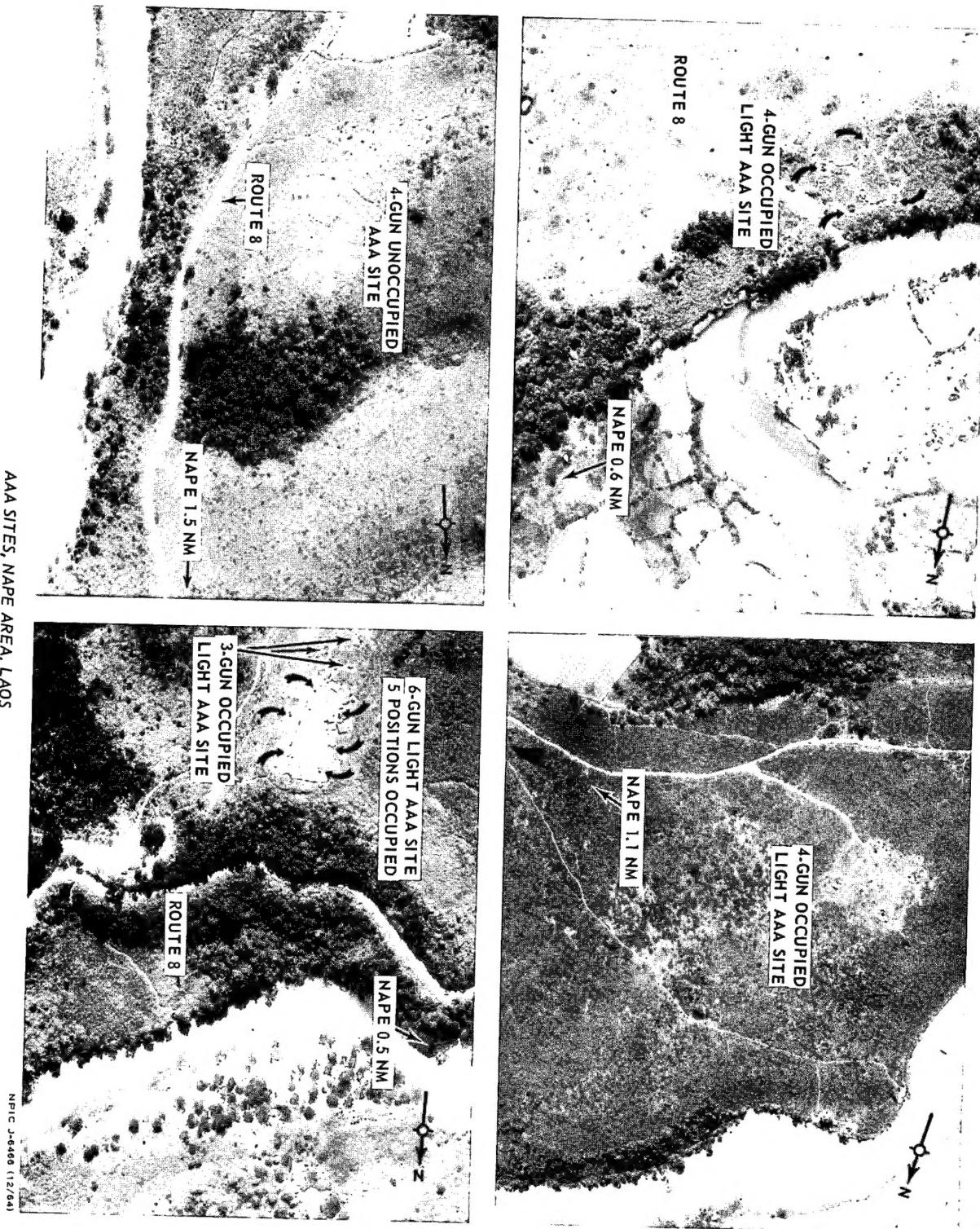
NPIC/R-166/64  
ATTACHMENT 2



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ATTACHMENT 3



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